

ABSTRACT

The present invention provides a packet routing device capable of converting packet data complying with one of a plurality
5 of secure protocols received via an external network into the one complying with a secure protocol used for a home network at home.

A packet routing device 101 includes a first network I/F unit
201, a decryption unit 202, a protocol conversion unit 203, an
10 encryption unit 204, a second network I/F unit 205 and a memorizing unit 801. The first network I/F unit 201 receives the packet data complying with one of the secure protocols used for the external network. Then, the protocol conversion unit 203
converts the received packet data into the one complying with a
15 secure protocol used for the home network, with reference to a table 802 memorized by the memorizing unit 801.